Michigan Behavioral Risk Factor Surveillance System

Selected Tables from the 2001 Survey

Michigan Department of Community Health
Health Administration
Bureau of Epidemiology
Division of Epidemiology Services
Chronic Disease Epidemiology Section
517-335-9080

Health Care Access

2001 Michigan BRFS

(percentages with 95% confidence interval limits)

Demographic Characteristics	Had H	Had Health Care Coverage Ages 18+ ¹			Iealth Co time Du 12 Mont	ring Past	No Personal Health Care Provider ³		
TOTAL	90.1	п	1.1		11	1.3	18.5	ıı	1.4
AGE									
18-24 Years	82.8	II .	4.4	29.0	"	5.3	35.9	"	5.7
25-34 Years	84.5	II .	3.3	24.1	"	3.8	26.4	"	3.9
35-44 Years	90.1	"	2.3	15.3	"	2.7	17.9	"	2.9
45-54 Years	92.1	"	2.2	11.3	"	2.6	14.2	"	2.7
55-64 Years	91.6	II .	2.7	9.0	"	2.7	10.2	"	3.0
65-74 Years	99.2	II .	0.8	1.3	"	1.0	6.8	"	2.9
75+ Years	99.8	"	0.5*	1.0	II	1.2*	6.0	II	2.5
GENDER									
Male	89.2	"	1.8	16.0	"	2.1	22.9		2.4
Female	91.0	II	1.4	14.0	п	1.6	14.2	II .	1.7
RACE									
White	91.2		1.2	13.3		1.4	17.0		1.5
Black	84.5	II	4.1	23.9	II .	4.7	25.4	II .	4.8
EDUCATION									
Less than High School	82.4	II .	4.5	21.9		4.8	19.2		4.6
High School Graduate	86.8	"	2.3	18.4	"	2.5	19.9		2.6
Some College	92.0	II .	1.7	14.5	II .	2.3	17.7		2.6
College Graduate	95.7	"	1.5	8.1	II .	1.9	16.6	II .	2.5
HOUSEHOLD		_			_				_
INCOME									
<\$20,000	78.1	"	4.2	28.7	"	4.5	23.2	"	4.3
\$20,000-34,999	84.1	II .	2.9	29.3	"	3.4	21.8	"	3.2
\$35,000-49,999	94.5	II .	1.9	10.7	"	2.7	18.1	"	3.5
\$50,000-74,999	94.3	"	2.4	8.9	"	2.9	16.1	"	3.4
\$\$75,000	97.7	"	1.5	4.2	"	1.8	13.2	"	3.1

¹Proportion of respondents aged 18 and older who reported they had any kind of health care coverage. ²Proportion of respondents who reported that there was a time during the previous 12 months when they did not have any health insurance or coverage.

³Proportion of respondents who reported that they did not have anyone that they thought of as their personal doctor or health care provider.

^{*95%} confidence interval exceeds possible limits.

Health Status

2001 Michigan BRFS

(percentages and means, with 95% confidence interval limits)

Demographic Characteristics	Fai	eral Ho r or Po ercenta	or 1		ysical F Poor mean d	2		ntal He Poor ³ nean da	1	(1	Limit Activit nean d	ty 4
TOTAL	14.9		1.2	3.7	ıı	0.3	3.8		0.3	2.2	"	0.2
AGE												
18-24 Years	9.3	II .	3.4	2.3	"	0.6	4.1	"	0.8	1.3	"	0.4
25-34 Years	8.4	"	2.4	3.1	"	0.6	4.5		0.7	2.1	"	0.5
35-44 Years	8.6	II .	2.1	2.9	"	0.5	3.9		0.5	2.0	"	0.5
45-54 Years	15.4	"	2.7	3.8	"	0.6	4.0	"	0.6	2.3	"	0.5
55-64 Years	18.4	"	3.6	4.5	"	0.9	3.4	"	0.7	2.7	"	0.7
65-74 Years	25.7	ш	4.8	5.3		1.1	2.3		0.7	2.7	"	0.9
75+ Years	35.5	"	5.7	6.0	"	1.2	1.8	"	0.6	2.3	"	0.8
GENDER												
Male	13.1		1.8	3.2	"	0.4	3.0		0.4	2.0	"	0.3
Female	16.3	"	1.6	4.0	"	0.4	4.3	"	0.4	2.3	"	0.3
RACE												
White	14.2		1.3	3.6	"	0.3	3.6		0.3	2.1	"	0.2
Black	18.0	"	3.8	3.6	"	0.7	4.5	"	0.9	2.8	"	0.7
EDUCATION												
Less than High School	31.6		5.0	5.5	"	1.0	4.2		0.9	3.6	"	0.9
High School Graduate	18.5		2.4	4.1	"	0.5	3.9		0.5	2.3	"	0.4
Some College	12.1		2.0	3.5	"	0.5	4.2		0.5	2.1	"	0.4
College Graduate	5.5	"	1.4	2.5	"	0.4	2.7	"	0.4	1.5	"	0.3
HOUSEHOLD INCOME						_			_			_
<\$20,000	30.3	II .	4.3	6.7	II .	1.0	4.8		0.8	4.5		0.8
\$20,000-34,999	20.1	II .	3.0	4.5	II .	0.6	4.6		0.6	2.3		0.5
\$35,000-49,999	9.6	п	2.6	3.0	II .	0.6	3.7		0.7	1.7	"	0.5
\$50,000-74,999	6.0	II .	2.0	2.2	II .	0.5	3.2		0.6	1.3		0.4
\$\$75,000	6.4		2.1	2.1	"	0.5	2.5	"	0.5	1.2	"	0.4

¹Proportion of respondents who said that their health, in general, was fair or poor.

²Mean number of days during the past 30 days in which physical health (including illness and injury) was not good.

³Mean number of days during the past 30 days in which mental health (including stress, depression, and problems with emotions) was not good.

⁴Mean number of days during the past 30 days in which poor physical or mental health kept respondent from doing usual activities, such as self-care, work, or recreation.

Disability Indicators 2001 Michigan BRFS

(in percentages with 95% confidence interval limits)

Demographic Characteristics		Limited in Any Activities ¹			uires Spo Equipmen	
TOTAL	18.2	п	1.3	6.1	ш	0.8
AGE						
18-24 Years	8.9	II .	3.4	0.7		0.8^*
25-34 Years	10.1	"	2.6	3.0	"	1.6
35-44 Years	15.2	"	2.7	3.9	II .	1.5
45-54 Years	22.8	"	3.2	6.7	II .	2.1
55-64 Years	24.5	"	3.9	7.5	II .	2.4
65-74 Years	25.7	"	4.8	11.0	"	3.3
75+ Years	33.2	"	5.6	19.8	"	4.8
GENDER						
Male	17.3		2.1	4.9		1.2
Female	19.0	"	1.7	7.2	п	1.1
RACE						
White	18.4		1.5	5.5		0.8
Black	17.2		3.7	9.6		3.1
Diack	17.2		3.1	9.0		J.1
EDUCATION	20.0		4.0	10.5	ш	2.6
Less than High School	29.0		4.9	13.5		3.6
High School Graduate	18.2		2.3	6.2		1.5
Some College	19.6		2.5	5.9		1.4
College Graduate	11.8		2.1	3.1		1.2
HOUSEHOLD INCOME						
<\$20,000	31.7	"	4.4	14.2	"	3.3
\$20,000-34,999	20.3	"	2.9	6.9	"	1.8
\$35,000-49,999	16.7	"	3.3	3.9	"	1.7
\$50,000-74,999	12.2	"	2.8	3.3	"	1.6
\$\$75,000	12.8	"	2.8	2.6	"	1.4

¹Responded "yes" to the question, "Are you limited in any way in any activities because of physical, mental, or emotional problems?"

²Responded "yes" to the question, "Do you now have any health problem that requires you to use

special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?" *95% confidence interval exceeds possible limits.

Immunizations

Among Adults Aged 65 Years and Older 2001 Michigan BRFS (in percentages with 95% confidence interval limits

Demographic Characteristics		Flu S ast Ye		Ever Had Pneumonia Vaccination ²				
TOTAL	60.1	ıı	4.0	58.1	ıı	4.1		
GENDER								
Male	60.4	11	6.6	56.2	"	6.9		
Female	60.8	"	5.0	59.3	п	5.1		
RACE								
White	61.9	п	4.2	60.3	п	4.3		
Black	48.9	"	13.7	42.5	"	14.1		
EDUCATION								
Less than High School	56.7	11	8.5	52.1	"	8.7		
High School Graduate	58.4	"	6.8	54.5	"	7.0		
Some College	63.0	п	7.9	64.2	п	8.0		
College Graduate	67.6	"	9.1	64.4	"	9.6		
-								

¹Proportion of respondents 65 years or older who reported having had a flu shot during the previous 12 months.

²Proportion of respondents 65 years or older who reported ever having had a pneumonia vaccination.

Diabetes 2001 Michigan BRFS (percentages with 95% confidence interval limits) Ever Told Have Diabetes ¹ Demographic Characteristics 0.9 **TOTAL** 7.2 **AGE** 18-24 Years 2.2 2.0 25-34 Years 1.2 1.1 35-44 Years 3.9 1.4 45-54 Years 8.8 2.2 55-64 Years 12.2 3.0 65-74 Years 17.7 4.1 4.5 75+ Years 16.1 **GENDER** Male 6.7 1.3 Female 7.4 1.2 **RACE** White 0.9 6.6 Black 2.9 10.1 **EDUCATION** Less than High School 14.0 3.5 High School Graduate 8.4 1.7 Some College 6.0 1.4 College Graduate 4.0 1.3 HOUSEHOLD **INCOME** <\$20,000 11.0 2.8 \$20,000-34,999 8.1 2.0 \$35,000-49,999 6.3 2.1 \$50,000-74,999 4.6 1.8 \$\$75,000 4.6 1.8

¹ Proportion of respondents who reported that they had ever been told by a doctor that they had diabetes (gestational diabetes excluded).

High Blood Pressure 2001 Michigan BRFS

(in percentages with 95% confidence interval limits)

Demographic Characteristics	Ever Told High Blood Pressure ¹			Taking Blood Pressure Medication ²			
TOTAL	27.1	п	1.5	69.0	п	3.1	
AGE							
18-34 Years	10.7	"	2.2	26.8	"	9.1	
35-44 Years	19.2	"	3.0	38.8	"	8.6	
45-54 Years	28.8	"	3.4	65.2	"	6.9	
55-64 Years	43.0	"	4.6	84.2	"	5.2	
65-74 Years	57.4	"	5.4	91.6	"	4.1	
75+ Years	53.0	"	6.0	91.9	"	4.1	
GENDER							
Male	26.9		2.4	60.5		5.1	
Female	27.1		1.9	76.5		3.6	
RACE							
White	26.3		1.6	68.2	п	3.5	
Black	31.9		4.7	71.2	"	8.2	
EDUCATION							
Less than High School	36.5		5.1	76.9		7.8	
High School Graduate	30.7		2.8	71.4		5.1	
Some College	24.1		2.7	64.8		6.2	
College Graduate	21.8	II .	2.7	63.5	"	6.8	
HOUSEHOLD							
INCOME							
<\$20,000	34.2		4.4	77.9		6.6	
\$20,000-34,999	29.2	11	3.3	72.4		6.1	
\$35,000-49,999	23.8	"	3.7	64.7		8.7	
\$50,000-74,999	23.6	"	3.7	59.5	"	9.0	
\$\$75,000	20.8	"	3.4	57.7	"	9.3	

¹Among all respondents, the proportion who reported that they had ever been told by a health professional that their blood pressure was high.
²Among those ever told they had high blood pressure, the proportion who

Among those ever told they had high blood pressure, the proportion who reported that they were currently taking medicine for their high blood pressure.

Cholesterol 2001 Michigan BRFS (in percentages with 95% confidence interval limits)

Demographic Characteristics	Cholesterol Ever Checked ¹			ked Wi Five Ye	_	Ever Told Cholesterol Was High ³			
TOTAL	79.5		1.5	74.5	п	1.6	33.0	"	1.8
AGE									
18-24 Years	47.2	"	6.1	44.7	"	6.2	9.1	"	4.9
25-34 Years	66.2	"	4.2	59.7	"	4.4	16.9	"	4.0
35-44 Years	80.4	"	3.1	72.5	"	3.4	28.0	"	3.8
45-54 Years	90.1	"	2.4	85.3	"	2.7	37.7	"	4.0
55-64 Years	92.3	"	2.7	88.1	"	3.1	44.9	"	4.8
65-74 Years	95.3	"	2.6	92.8	"	3.0	49.6	"	5.6
75+ Years	95.3	II .	2.5	92.8	"	3.1	44.1	"	6.1
GENDER									
Male	76.5		2.5	71.3		2.6	35.4		2.9
Female	82.4		1.9	77.6	"	2.0	31.0	"	2.2
DACE									
RACE White	79.8		1.7	74.3		1.8	33.7		2.0
Black	78.3		4.6	74.3 76.1		4.8	29.2		5.3
Diack	78.3		4.0	/0.1		4.8	29.2		3.3
EDUCATION									
Less than High School	76.0	"	5.1	71.8	"	5.3	38.7	"	5.9
High School Graduate	73.8	"	3.0	70.1	"	3.0	36.6	"	3.4
Some College	81.2	"	2.8	76.0	"	3.0	32.2	"	3.3
College Graduate	86.6	"	2.4	79.7	"	2.8	28.1	"	3.2
HOUSEHOLD INCOME									
<\$20,000	68.9	"	4.9	64.7	"	5.0	41.1	"	5.5
\$20,000-34,999	76.2	"	3.4	70.3	"	3.6	33.5	"	3.9
\$35,000-49,999	78.6	"	3.8	72.7	"	4.0	32.3	"	4.6
\$50,000-74,999	84.4	11	3.5	78.8	11	3.9	29.0	"	4.3
\$\$75,000	86.2	11	3.3	81.6	11	3.5	27.4	"	4.0

¹Proportion of respondents who reported ever having had their cholesterol checked.
²Proportion of respondents who reported having had their cholesterol checked within the previous five

years.

Of respondents who had ever had their cholesterol checked, the proportion who had been told by a health professional that their cholesterol was high.

Cigarette Smoking Status 2001 Michigan BRFS

(percentages with 95% confidence interval limits)

Demographic Characteristics	Curr	ent Sn	noker ¹	Forn	ner Sm	noker ²	Ne	ver Sm	oked
TOTAL	26.1		1.6	25.7	ıı	1.5	48.3	ıı	1.8
AGE									
18-24 Years	34.3	II .	5.6	8.6	"	3.3	57.0		5.9
25-34 Years	31.8	"	4.1	16.2	"	3.1	52.0		4.3
35-44 Years	33.5	"	3.6	19.4	II	2.9	47.2		3.7
45-54 Years	26.5	II .	3.3	29.9	"	3.5	43.6		3.8
55-64 Years	19.5	II .	3.8	39.2	"	4.6	41.3		4.6
65-74 Years	12.2	II .	3.8	43.9	"	5.5	43.9		5.4
75+ Years	5.1	"	2.6	44.2	II .	6.0	50.8	"	6.0
GENDER									
Male	27.9		2.6	28.7	п	2.4	43.4		2.7
Female	24.6		2.0	22.7	ıı	1.8	52.7	п	2.3
DACE.									
RACE	26.0		1.7	27.2		1.7	46.8		1.0
White									1.9
Black	28.6		4.9	17.7		3.8	53.7		5.3
EDUCATION									
Less than High School	40.7	"	5.5	27.3	"	4.7	32.0	"	5.1
High School Graduate	31.3	"	3.0	27.4	"	2.7	41.3	"	3.1
Some College	25.6	"	2.9	23.5	"	2.7	50.9	"	3.3
College Graduate	14.3	"	2.4	25.2	"	2.8	60.5	II .	3.2
HOUSEHOLD INCOME									
<\$20,000	36.5		4.7	22.6	ıı	3.9	40.9		4.8
\$20,000-34,999	33.5		3.6	26.2	ıı	3.2	40.3		3.7
\$35,000-49,999	29.4	п	4.0	25.0	ıı	3.7	45.7		4.3
\$50,000-74,999	21.1		3.7	28.8	п	4.0	50.2		4.5
\$\$75,000	18.0		3.4	26.6	п	3.7	55.5		4.2

¹Proportion of respondents who reported that they had ever smoked at least 100 cigarettes in their life and that they smoke cigarettes now.

²Proportion of respondents who reported that they had ever smoked at least 100 cigarettes in their life but that they do not smoke cigarettes now.

Quit Attempts Among Smokers 2001 Michigan BRFS (percentages with 95% confidence interval limits)								
Demographic Characteristics		Quit Smol onger in P						
TOTAL	58.3	II	3.5					
AGE 18-34 Years 35-54 Years 55+ Years	60.6 57.1 57.7	11 11	6.2 4.9 8.5					
GENDER Male Female	57.1 59.6	11	5.4 4.5					
RACE White Black	56.1 69.9	11 11	3.9 9.7					
EDUCATION Less than High School High School Graduate Some College College Graduate	52.1 56.9 62.7 61.5	11 11 11	9.1 5.7 6.3 8.6					
HOUSEHOLD INCOME <\$20,000 \$20,000-34,999 \$35,000-49,999 \$50,000	66.9 60.6 55.3 55.2	n n n	7.5 6.7 8.3 7.3					

Weight Status¹ 2001 Michigan BRFS (percentages with 95% confidence interval limits)

Demographic Characteristics		Obese	e	0	verwe	ight	Heal	thy W	eight	U	Inderw	eight
TOTAL	24.7		1.5	35.7	u	1.7	38.3		1.8	1.3		0.4
AGE												
18-24 Years	10.8	"	3.8	23.5	"	5.1	63.3	"	5.8	2.4	"	1.6
25-34 Years	20.7	"	3.7	34.1	"	4.3	44.1	"	4.4	1.2	"	0.9
35-44 Years	25.3	"	3.4	37.0	"	3.8	36.4	"	3.6	1.4	"	0.8
45-54 Years	31.0	"	3.7	38.6	"	3.8	29.7	"	3.5	0.8	"	0.6
55-64 Years	34.2	"	4.5	36.6	"	4.6	28.7	"	4.3	0.6	"	0.6
65-74 Years	31.5	"	5.3	41.0	"	5.5	26.3	"	5.0	1.1	"	1.1
75+ Years	19.5	II .	4.8	41.5	"	6.1	37.1	II .	5.9	1.8	"	1.6
GENDER												
Male	25.1		2.4	42.8	п	2.7	31.7	п	2.6	0.3	п	0.3
Female	24.3		2.0	28.8		2.1	44.7	n .	2.3	2.2		0.7
RACE												
White	23.2		1.6	36.0		1.9	39.6		1.9	1.3		0.4
Black	34.3	"	5.1	35.8	"	5.2	28.8	"	5.0	1.2	"	1.2
EDUCATION												
Less than High School	27.6		4.9	34.2		5.4	36.1	п	5.4	2.0	п	1.6
High School Graduate	25.8		2.8	34.2	п	3.0	38.9	п	3.2	1.2	п	0.6
Some College	26.6	"	2.9	35.2		3.2	37.0	п	3.3	1.2	п	0.6
College Graduate	20.1	"	2.8	39.2	"	3.4	39.7	II .	3.3	1.1	"	0.7
HOUSEHOLD INCOME												
<\$20,000	29.6		4.4	30.6		4.5	37.4	п	4.9	2.4	п	1.5
\$20,000	26.3		3.4	34.2		3.6	38.3	п	3.7	1.2	п	0.7
\$35,000-49,999	26.7		4.0	36.0		4.3	36.5	п	4.3	0.7	п	0.7
\$50,000-74,999	22.6		3.8	41.7		4.5	35.2	п	4.3	0.7	п	0.7
\$\$75,000	20.9		3.4	38.9		4.0	38.9	п	4.4	1.3	п	0.0
ΨΦ13,000	20.9		3.4	30.9		4.4	30.9		4.4	1.3		0.5

¹Prevalence estimates for weight status were based on body mass index (BMI) as calculated from the self-reported weight and height measurements. BMI is defined as weight (in kilograms) divided by height (in meters) squared [weight in kg/(height in meters)²]. Weight status categories were defined as follows: Obese BMI \$ 30, Overweight BMI 25.0 - 29.9, Healthy Weight BMI 18.5 - 24.9, and Underweight BMI < 18.5. Pregnant women were excluded from this analysis.

Weight Status ("Old Definitions")¹

2001 Michigan BRFS (percentages with 95% confidence interval limits)

Demographic Characteristics	O	verwe				Veight	Uı	nderw	eight
TOTAL	38.8		1.8	57.2	"	1.8	4.0	ıı	0.7
AGE									
18-24 Years	17.1		4.4	75.0		5.1	7.9		3.0
25-34 Years	33.8	п	4.3	59.9		4.4	6.2		2.3
35-44 Years	39.6		3.8	56.4		3.8	4.0		1.5
45-54 Years	48.4		3.9	49.4	"	3.9	2.2		1.1
55-64 Years	48.9		4.8	49.4		4.8	1.7		1.1
65-74 Years	48.6		5.6	50.1		5.6	1.3		1.1
75+ Years	35.9	"	5.9	61.0	"	6.0	3.2	"	2.0
GENDER									
Male	38.5		2.7	57.7		2.7	3.8		1.1
Female	39.1	"	2.3	56.7	"	2.3	4.2	"	0.9
RACE									
White	37.3	п	1.9	58.5		1.9	4.1		0.8
Black	49.2	"	5.4	48.0	"	5.4	2.8	"	1.8
EDUCATION									
Less than High School	40.2		5.5	54.2		5.6	5.6		2.8
High School Graduate	41.5	п	3.2	54.5		3.2	4.0		1.3
Some College	39.9		3.2	56.2		3.3	4.0		1.3
College Graduate	33.8	"	3.2	63.0	"	3.3	3.2	"	1.2
HOUSEHOLD INCOME									
<\$20,000	41.1		4.8	53.0		4.9	5.9		2.3
\$20,000-34,999	43.1		3.8	52.7		3.8	4.3		1.6
\$35,000-49,999	41.8		4.4	54.8		4.4	3.5		1.6
\$50,000-74,999	38.3		4.5	58.6		4.5	3.0		1.7
\$\$75,000	34.7	"	4.1	61.8	"	4.2	3.5	"	1.7

¹Prevalence estimates for weight status were based on body mass index (BMI) as calculated from the self-reported weight and height measurements. BMI is defined as weight (in kilograms) divided by height (in meters) squared [weight in kg/(height in meters)²]. Weight status categories were defined as follows: Overweight: (\$85th percentile) \$27.8 BMI for males and \$27.3 BMI for females; Healthy Weight: (>15th and <85th percentile) >20.7 to <27.8 BMI for males and >19.1 to <27.3 BMI for females; Underweight: (#15th percentile) #20.7 BMI for males and #19.1 BMI for females. Pregnant women were excluded from this analysis.

Physical Activity 2001 Michigan BRFS (percentages with 95% confidence interval limits)

Demographic Characteristics	No	Activit	y ¹	Inadequ Ac	ate Phy		Inadequate Vigorous Physical Activity ³			
TOTAL	23.5	±	1.5	55.2	±	1.8	75.8	±	1.6	
AGE										
18-24 Years	13.3	\pm	4.0	42.4	\pm	5.9	60.1	\pm	5.9	
25-34 Years	21.3	\pm	3.6	52.1	\pm	4.4	71.1	\pm	4.0	
35-44 Years	20.1	\pm	3.0	52.0	土	3.8	73.1	\pm	3.4	
45-54 Years	26.4	\pm	3.4	59.8	\pm	3.8	78.5	\pm	3.2	
55-64 Years	24.9	\pm	4.0	57.1	\pm	4.7	82.3	\pm	3.6	
65-74 Years	28.6	\pm	5.0	60.1	\pm	5.7	86.1	\pm	4.0	
75+ Years	40.7	\pm	6.0	75.0	土	5.4	93.9	\pm	3.2	
GENDER										
Male	20.5	\pm	2.2	52.3	土	2.8	69.1	\pm	2.6	
Female	26.2	\pm	2.0	58.0	\pm	2.3	81.8	\pm	1.8	
RACE										
White	22.5	\pm	1.6	53.6	\pm	2.0	75.2	\pm	1.7	
Black	29.9	\pm	4.8	65.8	\pm	5.2	80.1	\pm	4.4	
EDUCATION										
Less than High School	37.9	\pm	5.3	59.3	\pm	5.6	81.6	\pm	4.6	
High School Graduate	29.9	\pm	2.8	58.2	土	3.2	78.8	\pm	2.7	
Some College	21.9	\pm	2.6	53.8	\pm	3.3	75.1	\pm	2.9	
College Graduate	10.9	\pm	2.0	51.5	土	3.4	70.4	\pm	3.1	
HOUSEHOLD INCOME										
<\$20,000	33.7	\pm	4.5	62.0	\pm	4.9	83.0	\pm	4.0	
\$20,000-34,999	26.9	\pm	3.3	56.0	\pm	3.8	81.3	\pm	3.0	
\$35,000-49,999	21.8	\pm	3.6	55.8	\pm	4.4	74.5	\pm	3.9	
\$50,000-74,999	18.1	\pm	3.5	53.1	\pm	4.5	73.5	\pm	4.1	
\$\$75,000	13.3	\pm	2.9	50.3	\pm	4.3	66.4	\pm	4.1	

Proportion of respondents who reported they did not participate in any physical activities, recreation, or exercises in their leisure time (such as running, golf, or walking for exercise) within the past month.

²Proportion of respondents who reported they do not usually do moderate physical activities for a total of at least 30 minutes on five or more days per week and do not do vigorous activities for a total of at least 20 minutes on three or more days per week (while not at work).

³Proportion of respondents who reported they do not usually do vigorous activities for a total of at least 20 minutes on three or more days per week (while not at work).

Leisure-Time Physical Activity

2001 Michigan BRFS (percentages with 95% confidence interval limits)

Demographic	1	Activit		<3 times per week	<5 times per week
Characteristics	110	7101111	. y	20 minute sessions ²	30 minute sessions ³
TOTAL	23.5		1.5	п	п
AGE					
18-24 Years	13.3	"	4.0	II	II
25-34 Years	21.3	"	3.6	II	II
35-44 Years	20.1	"	3.0	II	II
45-54 Years	26.4	"	3.4	II	II
55-64 Years	24.9	"	4.0	II	II
65-74 Years	28.6	"	5.0	11	II
75+ Years	40.7	"	6.0	II	п
GENDER					
Male	20.5		2.2	II	п
Female	26.2		2.0	п	п
RACE	22.5		1.6	II	11
White	22.5		1.6		
Black	29.9	-	4.8		
EDUCATION					
Less than High School	37.9	"	5.3	п	п
High School Graduate	29.9	"	2.8	II	II
Some College	21.9	"	2.6	II	II
College Graduate	10.9	"	2.0	11	11
HOUSEHOLD INCOME					
<\$20,000	33.7		4.5	II .	п
\$20,000-34,999	26.9		3.3	п	п
\$35,000-49,999	21.8		3.6	п	п
\$50,000-74,999	18.1		3.5	п	п
\$\$75,000	13.3		2.9	п	п
4472,000	13.3		2.7		

¹Proportion of respondents who said they did <u>not</u> participate in any physical activities, recreation, or exercises in their leisure time (such as running, golf, or walking for exercise) within the past month. ²Proportion of respondents who said they did <u>not</u> participate in leisure-time physical activities (such as running, golf, or walking for exercise) three or more times per week for a minimum of 20 minutes per session, within the past month.

³Proportion of respondents who said they did <u>not</u> engage in leisure-time physical activity (such as running, golf, or walking for exercise) for a minimum of 30 minutes 5 times per week, within the past month.

Occupational Physical Activity Level¹

Among Currently Employed Adults
2001 Michigan BRFS
(percentages with 95% confidence interval limits)

Demographic Characteristics	Mostly Sitting or Standing			Mos	tly Wal	king	Mostly Heavy Labor or Physically Demanding Work		
TOTAL	61.6	п	2.3	22.1	ıı	1.9	16.3		1.8
AGE 18-24 Years 25-34 Years 35-44 Years 45-54 Years 55-64 Years 65+ Yearrs	44.9 60.2 62.0 64.2 75.9 64.2	11 11 11 11	7.7 4.8 4.1 4.4 5.6 12.7	30.3 19.2 21.3 25.0 16.8 21.3	11 11 11 11	7.2 3.7 3.4 4.0 4.9 11.1	24.7 20.6 16.8 10.8 7.4 14.5	0 0 0 0	6.8 4.2 3.2 2.9 3.4 9.3
GENDER Male Female RACE White Black	56.2 67.7 61.2 64.5	" "	3.4 2.9 2.5 6.9	19.2 25.4 21.7 24.9	U U	2.7 2.7 2.1 6.2	24.6 6.9 17.1 10.6	n n	3.0 1.6 2.0 4.5
EDUCATION Less than High School High School Graduate Some College College Graduate	41.0 53.0 57.5 78.5	11 11 11	9.1 4.2 4.1 3.2	33.2 24.1 23.7 16.5	11 11 11	8.8 3.6 3.5 2.9	25.8 23.0 18.9 5.1	n n n	8.6 3.7 3.4 1.8
HOUSEHOLD INCOME <\$20,000 \$20,000-34,999 \$35,000-49,999 \$50,000-74,999 \$575,000	49.1 51.9 59.3 64.2 71.6	11 11 11	8.9 5.2 5.2 5.0 4.4	22.8 23.3 21.3 21.4 20.7	11 11 11	7.0 4.4 4.2 4.3 4.0	28.2 24.8 19.4 14.4 7.7	n n n n	8.4 4.7 4.4 3.7 2.7

¹Response to the question, "When you are at work, which of the following best describes what you do? Would you say mostly sitting or standing, mostly walking, or mostly heavy labor or physically demanding work?"

Asthma 2001 Michigan BRFS (percentages with 95% confidence interval limits)

(percentages with 93% confidence interval inints)								
Demographic Characteristics	Ever T	old Ast	hma ¹	Still Has Asthma ²				
TOTAL	12.4	II	1.2	8.8	II	1.0		
AGE								
18-24 Years	21.4	II	5.1	11.8	II .	4.1		
25-34 Years	13.2	п	2.9	9.7		2.5		
35-44 Years	11.1	п	2.4	8.3	"	2.1		
45-54 Years	10.2	п	2.3	7.7	"	2.0		
55-64 Years	12.3	II	3.0	9.7	"	2.7		
65-74 Years	8.2	II	3.2	6.1	"	2.7		
75+ Years	10.0	II	3.7	8.3	II .	3.5		
GENDER								
Male	10.5	п	1.8	6.7	11	1.5		
Female	14.1	II	1.6	10.8	"	1.5		
RACE								
White	11.7	п	1.3	8.6		1.1		
Black	17.2	II	4.1	11.2	II	3.5		
EDUCATION								
Less than High School	15.2	п	4.1	10.0		3.3		
High School Graduate	11.7	п	2.1	8.6		1.8		
Some College	14.3	п	2.4	10.0	11	2.1		
College Graduate	9.8	II	2.0	7.3	"	1.7		
HOUSEHOLD INCOME								
<\$20,000	18.1		3.9	12.5		3.2		
\$20,000-34,999	13.0	п	2.5	9.5		2.2		
\$35,000-49,999	13.0	п	3.1	8.7		2.6		
\$50,000-74,999	9.1	п	2.7	7.4		2.5		
\$\$75,000	10.0	u	2.6	7.4	II .	2.3		

¹Proportion of all respondents who reported that they had ever been told by a doctor that they had asthma.

²Proportion of all respondents who reported that they still had asthma.

Arthritis

2001 Michigan BRFS (in percentages with 95% confidence interval limits)

(iii percentages with 9			
Demographic Characteristics	<u> </u>	Ias Arthritis	S .
TOTAL	38.4	п	1.7
AGE			
18-24 Years	17.1	"	4.5
25-34 Years	21.0	II .	3.6
35-44 Years	32.4	II .	3.5
45-54 Years	43.8	II .	3.8
55-64 Years	53.5	II .	4.7
65-74 Years	62.1	II.	5.4
75+ Years	73.0	"	5.2
GENDER			
Male	34.9	n n	2.6
Female	41.8	u u	2.2
RACE			
White	38.7	п	1.9
Black	39.1	u u	5.1
TD LICATION.			
EDUCATION	57.8		5.4
Less than High School	37.8 40.8		5.4 3.0
High School Graduate Some College	36.8	ıı .	3.0
College Graduate	29.1	n n	3.1
Conege Graduate	29.1		3.0
HOUSEHOLD INCOME			
<\$20,000	48.8	"	4.9
\$20,000-34,999	44.6	"	3.7
\$35,000-49,999	35.2	"	4.1
\$50,000-74,999	33.2	"	4.1
\$\$75,000	29.4	II .	3.9

¹Reported either that they had joint symptoms on most days for at least one of the past 12 months or that they had been told by a doctor that they had arthritis.

Colorectal Cancer Screening

Among Adults Aged 50 Years and Older 2001 Michigan BRFS (in percentages with 95% confidence interval limits)

Demographic Characteristics	Ever Had Blood Stool Test ¹			Had Blood Stool Test in Past Year			Ever Had Sigmoidoscopy or Colonoscopy ²			Had Sigmoidoscopy or Colonoscopy in Past Five Years		
TOTAL	51.2	"	2.7	25.7	ıı	2.4	55.2		2.7	45.2		2.7
AGE 50-59 Years 60-69 Years 70+ Years	44.3 54.6 57.2	" "	4.1 5.2 4.8	22.1 27.8 28.6	n n	3.4 4.7 4.5	45.3 59.1 64.7	11 11	4.1 5.2 4.7	37.1 47.7 53.5	11 11	4.0 5.3 4.9
GENDER Male Female	51.5 50.8	"	4.2 3.5	26.5 25.0	"	3.7 3.1	56.9 53.8	11	4.2 3.5	47.3 43.4	11	4.3 3.5
RACE White Black	52.9 38.7	"	2.9 8.6	26.5 21.6	"	2.5 7.2	55.9 52.0	11	2.9 9.0	45.9 42.0	11	2.9 8.7
EDUCATION Less than High School High School Graduate Some College College Graduate	41.5 50.7 54.9 54.2	11 11 11	7.1 4.6 5.2 5.4	24.6 25.2 23.9 29.2	11 11 11	6.2 4.0 4.5 5.1	45.7 51.6 59.3 62.0	11 11 11	7.2 4.6 5.1 5.3	38.3 43.5 48.6 48.6	11 11 11	7.0 4.6 5.2 5.5
HOUSEHOLD INCOME <\$20,000 \$20,000-34,999 \$35,000-49,999 \$50,000-74,999 \$\$75,000	44.7 57.6 56.3 51.1 45.0	11 11 11	6.3 5.5 7.4 7.5 7.3	20.1 29.7 33.8 22.2 21.3	11 11 11	5.0 5.2 7.2 6.1 6.0	52.0 55.9 57.4 50.0 60.4	11 11 11	6.4 5.5 7.4 7.5 7.2	40.1 46.5 50.5 39.4 51.0	11 11 11	6.3 5.6 7.5 7.4 7.4

¹Reported "yes" to the question, "A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. Have you ever had this test using a home kit?"

²Reported "yes" to the question, "A sigmoidoscopy or colonoscopy is when a tube is inserted in the rectum to view the bowel for signs of cancer and other health problems. Have you ever had this exam?"

Prostate Cancer Screening

Among Men Aged 50 Years and Older¹
2001 Michigan BRFS
(in percentages with 95% confidence interval limits)

Demographic Characteristics	Evei	Had	DRE ²	Had DRE in Past Year		st Ever Had PSA Test ³		Ever Had PSA Test ³		Had PSA in Past Year		st Year
TOTAL	87.0		3.0	59.2	ıı	4.4	78.1	ıı	3.7	60.2	"	4.4
AGE 50-59 Years 60-69 Years 70+ Years	84.1 91.2 88.5	" "	4.7 4.3 6.6	53.2 64.6 65.5	" "	6.2 8.1 9.0	72.2 83.9 83.4	11 11	5.7 6.2 7.3	52.5 69.3 66.0	11 11	6.3 8.0 9.1
RACE White Black	89.2 72.0	11	2.9 16.2	61.0	"	4.5	79.0 72.6	11	3.9 15.6	61.7 47.5	11	4.6 16.9
EDUCATION #HS Graduate >HS	84.2 89.3	11	5.2 3.5	55.0 62.4	"	6.8 5.6	76.8 79.1	11	5.9 4.7	58.8 61.3	"	6.8 5.7
HOUSEHOLD INCOME <\$35,000 \$\$35,000	85.1 88.5	" "	5.4 4.1	56.3 61.8	"	7.2 6.2	77.0 80.0	11	6.3 5.2	62.5 60.7	11	7.1 6.3

¹Men who had been diagnosed with prostate cancer (7.7%) were excluded.

²Reported "yes" to the question, "A digital rectal exam (DRE) is an exam in which a doctor, nurse, or other health professional places a gloved finger into the rectum to feel the size, shape, and hardness of the prostate gland. Have you ever had a digital rectal exam?"

³Reported "yes" to the question, "A Prostate-Specific Antigen test, also called a PSA test, is a blood test used to check men for prostate cancer. Have you ever had a PSA test?"

HIV/AIDS Testing

Among Adults Aged 18-64 Years 2001 Michigan BRFS (percentages with 95% confidence interval limits)

Demographic Characteristics		portant IV Stat	to Know	Ever Tested for HIV ²			
TOTAL	89.6	II	1.2	46.8	11	2.04	
AGE							
18-24 Years	94.2	"	2.9	42.5	II .	5.9	
25-34 Years	91.6	"	2.4	67.8	"	4.1	
35-44 Years	89.2	"	2.4	54.1	"	3.7	
45-54 Years	87.4	"	2.5	33.8	"	3.6	
55-64 Years	85.6	II	3.3	22.2	II	3.8	
GENDER							
Male	87.4	"	2.0	44.5	"	3.0	
Female	91.8	II.	1.3	49.0	п	2.5	
RACE							
White	89.0	"	1.3	44.6	п	2.1	
Black	94.7	II.	2.6	59.6	II	5.8	
EDUCATION							
Less than High School	92.8	"	3.4	46.7	"	7.2	
High School Graduate	90.3	"	2.0	44.1	п	3.5	
Some College	89.5	"	2.3	47.2		3.5	
College Graduate	88.0	II .	2.3	49.7	II .	3.6	
HOUSEHOLD							
INCOME							
<\$20,000	91.2	"	3.7	47.7	"	6.1	
\$20,000-34,999	90.9	"	2.4	49.6	п	4.3	
\$35,000-49,999	85.6	"	3.3	49.5	II .	4.7	
\$50,000-74,999	91.0	"	2.6	44.9	II .	4.6	
\$\$75,000	90.8	"	2.4	44.3	"	4.3	

¹Responded "very important" to the question, "How important do you think it is for people to know their HIV status by getting tested? Would you say very important, somewhat important, or not at all important?" "Don't know" (1.4%) was considered a valid response.

²Reported "yes" to the question, "As far as you know, have you ever been tested for HIV? Do not count tests you may have had as part of a blood donation." "Don't know" (3.1%) was considered a valid response.

HIV/AIDS Knowledge

Among Adults Aged 18-64 Years 2001 Michigan BRFS (in percentages with 95% confidence interval limits)

Demographic Characteristics		Prenatal HIV Treatments ¹			atmen gthen		Treatments Very Effective ³		
TOTAL	50.5	п	2.0	91.3	"	1.1	20.6	п	1.6
AGE									
18-24 Years	53.9	"	6.0	92.0	"	3.2	16.1		4.8
25-34 Years	55.0		4.3	92.6	"	2.3	18.8	11	3.4
35-44 Years	49.7	"	3.8	92.4	"	2.0	20.9	"	3.2
45-54 Years	46.5		3.8	90.5	"	2.4	21.9	11	3.3
55-64 Years	46.8	"	4.7	87.6	"	3.2	26.0	"	4.4
GENDER									
Male	44.8		3.0	91.4		1.7	18.4	п	2.5
Female	56.0	"	2.5	91.2	"	1.4	22.6	"	2.2
RACE									
White	50.1		2.2	92.8		1.1	20.3	п	1.8
Black	52.7	"	5.8	84.8	"	4.2	22.1	"	5.2
EDUCATION									
Less than High School	50.7	п	7.2	79.4		5.9	14.1	п	5.6
High School Graduate	46.5		3.5	86.6	"	2.4	15.3	II .	2.7
Some College	47.1		3.5	93.9		1.6	19.5	п	2.9
College Graduate	59.2	"	3.5	97.7	"	1.0	28.9	п	3.2
HOUSEHOLD INCOME									
<\$20,000	49.7		6.1	87.1		3.9	18.7	п	5.4
\$20,000-34,999	51.3		4.3	88.4		2.8	18.2	п	3.6
\$35,000-49,999	53.4	п	4.7	93.5	11	2.3	18.2	п	3.6
\$50,000-74,999	48.6	п	4.6	95.8	11	1.8	22.7	п	3.8
\$\$75,000	53.3		4.4	95.3	11	1.8	25.1	п	3.8

¹Reported that they thought the following statement was true, "A pregnant woman with HIV can get treatment to help reduce the chances that she will pass the virus on to her baby." "Don't know" (28.5%) was considered a valid response.

²Reported that they thought the following statement was true, "There are medical treatments available that are intended to help a person who is infected with HIV to live longer." "Don't know" (6.0%) was considered a valid response.

³Among those who thought that there are HIV treatments designed to prolong life, the proportion who reported they thought these treatments were very effective. "Don't know" (12.2%) was considered a valid response.

Alcohol Use 2001 Michigan BRFS

(in percentages with 95% confidence interval limits)

Demographic									
Characteristics	Consumed Any Alcohol in Past Month ¹				Heavy rinking	2	Binge Drinking ³		
TOTAL	57.1	ıı	1.7	5.7	11	0.9	18.2	ıı	1.5
AGE									
18-24 Years	71.0	"	5.3	10.3	II .	4.0	35.9	"	5.9
25-34 Years	64.1	"	4.2	4.7	II .	2.0	28.1	"	4.0
35-44 Years	63.8	"	3.6	5.8	"	1.7	18.7	"	2.9
45-54 Years	56.5	"	3.8	6.5	"	2.0	13.9	"	2.7
55-64 Years	51.0	"	4.7	4.1	II .	1.8	9.3	"	2.8
65-74 Years	39.7	"	5.4	4.5	II .	2.5	5.9	"	3.0
75+ Years	30.1	II .	5.6	2.5	п	1.9	2.8	II .	1.9
GENDER									
Male	65.6		2.7	9.9	п	1.7	27.4	"	2.6
Female	49.7	II .	2.3	2.0	ii	0.6	9.8	II	1.4
RACE									
White	60.1		1.9	6.0	п	1.0	18.9	"	1.6
Black	42.7	"	5.3	4.0	II	2.4	15.5	"	4.2
EDUCATION									
Less than High School	40.2	II .	5.6	5.7	"	2.8	18.2	"	4.7
High School Graduate	48.8		3.2	5.4	п	1.5	17.2	"	2.5
Some College	63.6		3.1	6.0	п	1.7	21.6	"	2.9
College Graduate	67.7	"	3.1	5.8	II	1.6	15.5	II .	2.5
HOUSEHOLD INCOME	_					_			
<\$20,000	44.8	II .	4.9	5.0	п	2.5	19.0	"	4.4
\$20,000-34,999	51.3	II .	3.8	6.3	п	2.0	18.1	"	3.1
\$35,000-49,999	62.3	II .	4.2	5.8	п	2.2	20.4	"	3.7
\$50,000-74,999	65.4	II .	4.2	6.5	п	2.3	20.5	"	3.7
\$\$75,000	73.3	II .	3.7	6.2	"	2.1	19.8	"	3.6

¹ Proportion of respondents who reported having had at least one alcoholic drink in the past month.
² Proportion of respondents who reported consuming 60 or more alcoholic beverages in the past month.
³ Proportion of respondents who reported consuming five or more drinks per occasion at least once in the previous month.

Firearms in the Home

2001 Michigan BRFS in percentages with 95% confidence interval limits)

(in percentages with 9	5% confidence interval limits)							
Demographic Characteristics	Firearms Kept in Home ¹							
TOTAL	38.3	п	1.8					
AGE								
18-24 Years	30.2	II .	5.6					
25-34 Years	32.3	п	4.1					
35-44 Years	40.7	II .	3.8					
45-54 Years	46.1	II .	3.9					
55-64 Years	46.1	II	4.8					
65-74 Years	40.2	II	5.6					
75+ Years	31.1	II	5.9					
GENDER								
Male	44.5	п	2.8					
Female	33.1	п	2.2					
RACE								
White	42.2	п	1.9					
Black	18.5	п	4.3					
EDUCATION								
Less than High School	34.8	II .	5.3					
High School Graduate	45.6	п	3.2					
Some College	37.5	II .	3.3					
College Graduate	32.2	п	3.1					
HOUSEHOLD INCOME								
<\$20,000	25.6	п	4.5					
\$20,000-34,999	36.8	II .	3.7					
\$35,000-49,999	44.8	II .	4.4					
\$50,000-74,999	47.2	II .	4.5					
\$\$75,000	41.6	п	4.3					

¹Reported "yes" to the question, "Are any firearms now kept in or around your home? Include those kept in a garage, outdoor storage area, car, truck, or other motor vehicle."